

Paul C Greene
Senior Forensic Engineer
ShotSpotter, Inc

Expert Credentials

I have been employed by ShotSpotter, Inc. since June 2007. In my current position as Senior Forensic Engineer, I am responsible for forensic analysis of ShotSpotter incidents and technical/customer support. I help to set policies and procedures for forensic analysis and reporting. I am responsible for the technical training and supervision of the ShotSpotter Customer Support Team as well as assisting in curriculum development for training our customers.

In my time at ShotSpotter I have installed, operated, tested, and serviced every major software release of ShotSpotter software in the last 12 years. I am familiar with the installation and operation of the sensor hardware, server and client software, networking, radio layer, and all other processes and techniques associated with ShotSpotter products. I have significant experience in the use of firearms and have been involved in live-fire testing against domestic and international ShotSpotter systems for both research and development testing and system acceptance testing. I have listened to, and have analyzed audio recordings of thousands of gunshot incidents recorded by over 100 ShotSpotter systems worldwide. As of this writing, I have prepared forensic analyses of over 1000 domestic and international shooting incidents and have delivered expert testimony in dozens of court cases (detailed list below).

Education:

Cochise College

Sierra Vista, AZ

Enrolled in Computer Science curriculum, 2013-2018.

Coleman College

San Diego, CA

Computer Electronics Technology (Computer Science), 1992-1993.

Marine Corps Engineer School

MCB Camp Lejeune, NC

Electrician (1141), 1985.

Relevant Employment:

ShotSpotter, Inc.

2007-Present Senior Forensic Engineer

I am currently a Senior Forensic Engineer at ShotSpotter. I help to supervise the ShotSpotter Customer Support department at ShotSpotter, Inc. in Newark, CA. As Senior Forensic Engineer, I develop and implement policies and procedures for forensic analysis, reporting, and archival of gunshot incident data. I develop and publish training documentation for the ShotSpotter Customer Support team and am responsible for training other ShotSpotter Support Engineers to provide Forensic Services. Additionally, I continue to provide incident audio/location analysis, forensic reporting, and expert testimony to ShotSpotter customers.

New Mexico Tech / Playas Training and Research Center(PTRC) 2006-2007 IT/C2 Manager

I managed the IT and Command/Control(C2) departments at PTRC. I designed and implemented a fiber optic network backbone and installed facility wide wireless networks. I designed, built, and managed the C2 systems for PTRC's training ranges. I worked with vendors to integrate multiple types of sensor systems into a common operating display system and installed analog and digital video and audio range instrumentation for monitoring and recording of customer training cycles.

Joint Operational Test Bed Systems / USJFCOM

2004-2006 Systems Integration Specialist

I designed, built, and maintained experimental command/control systems and network infrastructure to integrate multiple, disparate sensor technologies. I researched and implemented many different sensor and networking technologies for real-time, analog to digital video conversion of imagery and other Common Operating Picture (COP) elements for transmission over low bandwidth tactical radio networks using off-the-shelf components. I also designed and built the IT and command/control systems for the Joint Mission Support Module 2(JMSM2).

Leadership Experience:

United States Marine Corps

1985-1992 *Sergeant*

Active duty Marine from 1985 to 1992. During Desert Shield / Desert Storm, while assigned to 1st Combat Engineer Battalion, I led a squad of Marine engineers in designing, building and maintaining the electrical grid infrastructure of several forward operating bases as well as providing electrical generation support for the 1st Marine Division.

Volunteer Service:

Playas Fire District

2006-2011 *Firefighter*

From 2006 until 2011 I was active as a volunteer firefighter. I was trained in wildland and urban interface firefighting. I was also a licensed First Responder in the State of New Mexico.

Expert Testimony:

I have provided expert witness testimony in the following cases:

- Apr 2010, Alameda County, (Oakland) CA. People v Omar Ward.
- Oct 2010, Alameda County, (Oakland) CA. People v Johnson.
- April 2011, Contra Costa County (Richmond) CA. People v Bossett.
- Jul 2011, Beloit, WI, People v Mance.
- Sept 2011, Monroe County, NY. People v Brown.
- Oct 2011, Alameda County, (Oakland) CA. People v Barrientos.
- Nov 2011, St Louis, MO, People v Edward Roach, Kelly Frye hearing.
- Nov 2011, St Louis, MO, People v Edward Roach, trial.
- Feb 2012, Suffolk County, MA (Boston), Commonwealth v. Dwayne Moore & Eddie Washington.
- Mar 2012, Youngtown, OH. People v Kevin Agee.
- Jul 2012, Contra Costa County, CA (Richmond). People v. Carlos Francis and Markeith Miles.
- Aug 2012, Washington DC, US v Charles Coates.
- Oct 2012, Monroe County, NY. People v Jyquale James Thomas.
- Nov 2012, Suffolk County, MA (Boston), Commonwealth v. Dwayne Moore.
- Jan 2013, Douglas County, NE (Omaha), People v Thylun Hill, Daubert hearing.
- Feb 2013, Rocky Mount, NC, People v Sean White.
- Feb 2013, Palm Beach County, FL (Riviera Beach), People v Gary John Butler.
- Apr 2013, Douglas County, NE (Omaha), People v Thylun Hill trial.
- July 2013, Washington, DC. US v Delonte Smith.
- Sep 2013, Monroe County, NY, People v Charles Perkins.
- Jan 2014, San Mateo County, CA, Grand Jury.
- Jan 2014, Washington, DC, US v Charles Perkins.
- Feb 2014, Washington DC, US v Clinkscale/McCorkle.
- Apr 2014, San Francisco, CA, People v. Lemalie and Landers.
- Jul 2014, Glendale, AZ, People v Bryan Wayne Hulsey.
- Aug 2014, Washington, DC, US v Lamonte Perry.
- Sep 2014, Monroe County, NY, People v Esteben A. Maldonado.
- Nov 2014, Alameda County (Oakland), CA, People v Tabron.
- Nov 2014, Contra Costa County, CA, People v Donte Smith.
- Dec 2014, Washington, DC, US v Kevin Walker.
- Feb 2015, Monroe County, NY, People v McCullough/Howard.
- Mar 2015, South Bend, IN, People v Shyheem Jones.
- Apr 2015, South Bend, IN, People v Juwon Jones.
- Apr 2015, Monroe County, NY, People v Thomas Johnson.

- May 2015, Palm Beach County, FL (Riviera Beach), People v Deonte Roundtree.
- May 2015, Washington, DC, US v Donald Brooks.
- Jun 2015, San Francisco, CA, People v Stephan Joseph.
- Jun 2015, New Bedford, MA, Commonwealth v Jason Denison.
- July 2015, Washington, DC, US v Lamonte Perry.
- Aug 2015, Contra Costa County, CA, People v. Manivan/Vilayngeun/Bernard.
- Aug 2015, South Bend, IN, People v Isaiah Samelton.
- Sep 2015, Monroe County, NY, Grand Jury.
- Nov 2015, St Louis, MO, People v Stephant Hibler and Kurtis Watkins.
- Dec 2015, Monroe County, NY, People v Brian Baxter.
- Dec 2015, Nassau County, NY, People v Floyd McNeil.
- Feb 2016, South Bend, IN, People v Bryant L Jackson.
- Feb 2016, Omaha, NE, People v Hill
- Mar 2016, Alameda County (Oakland), CA, People v. Wallace and Carroll.
- Mar 2016, South Bend IN, People v Gabriel Williams.
- Mar 2016, San Francisco, CA, People v Norbert and Norbert, Prelim hearing.
- Mar 2016, Nassau County, NY, People v. Rahjon Morrow.
- May 2016, Rochester, NY, US v Angel Ocasio.
- May 2016, Monroe County, NY, People v Johnny Blackshell.
- Jun 2016, South Bend, IN, People v Michael Smith.
- Jun 2016, Rochester, NY, US v James Kendrick.
- Sep 2016, Fall River, MA, Commonwealth v Jeffery Souza.
- Oct 2016, Rochester, NY, US v Damion Colabattisto.
- Oct 2016, Monroe County, NY, People v Jalen Everett.
- Oct 2016, Monroe County, NY, People v Jonathan Ortiz.
- Nov 2016, Nassau County, NY, People v Elliot Fortune.
- Nov 2016, Alameda County (Oakland), CA, People v James Frank Bowen.
- Jan 2017, New York, NY, US v Jarrod Little.
- Jan 2017, Monroe County, NY, People v Michael Mathis.
- Jan 2017, San Mateo County, CA, People v. Antonio Sotello-Moreno.
- Jan 2017, Minneapolis, MN, People v Talia Brooks, Kelly Frye Hearing.
- Feb 2017, San Francisco, CA, People v Murad Zawaideh.
- Jun 2017, Miami Gardens, FL, People v Marcos Rivera.
- Jul 2017, San Francisco, CA, People v Michael Reed, Kelly Frye Hearing.
- Jul 2017, San Francisco, CA, People v Michael Reed, Trial.
- Jul 2017, Denver, CO, People v Hammock.
- Aug 2017, San Mateo County, CA, People v Jerry Coneal.
- Oct 2017, Commonwealth v Ortiz and Auch
- Oct 2017, Fresno, CA, People v. Rufus Robinson.
- Oct 2017, Monroe County, NY, People v Silvon Simmons.
- Oct 2017, Contra Costa County, CA, People v Todd Lamont Gillard.
- Jan 2018, Nassau County, NY, People v Darren Devane.
- Feb 2018, Sacramento, CA, People v Gutierrez and Quintero.
- Feb 2018, San Francisco, CA, People v Deshaun A. Kittles.
- Apr 2018, Sacramento, CA, People v Rickeoneico Williams.
- Apr 2018, Wilmington, DE, People v Kasheem Thomas.
- Apr 2018, East Palo Alto, CA, People v Tyrone Sostenes Love-Lopez.
- May 2018, New Bedford, MA, Commonwealth v Angel Acevedo.
- Oct 2018, Monroe County, NY, People v Terrence Lewis.
- Nov 2018, Sacramento, CA, People v Armani Lee.
- Nov 2018, San Mateo County, CA, People v Lionel Jericho McCoy, Jr.

- Jan 2019, Alameda County (Oakland), CA, People v Tavon Foster
- Jan 2019, New York County (Manhattan), NY, People v Donnell Matthews
- Feb 2019, Suffolk County (Revere), MA, Commonwealth v Juan Gaviria
- Mar 2019, Contra Costa County, CA, People v Luis Javier Morales